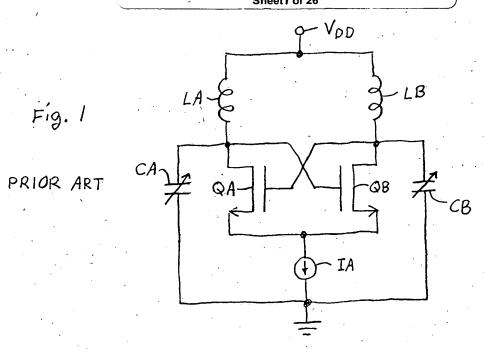
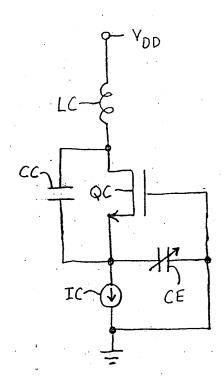
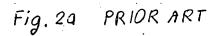
## Capacitance Variation Capacitance Variation Constantin Buluccea NS-5127 US Sheet I of 26







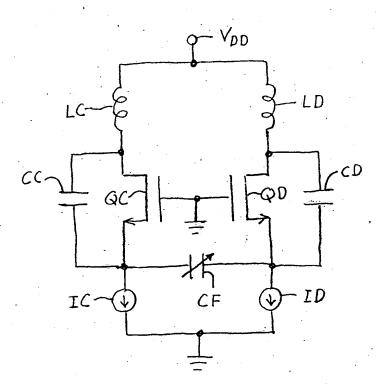
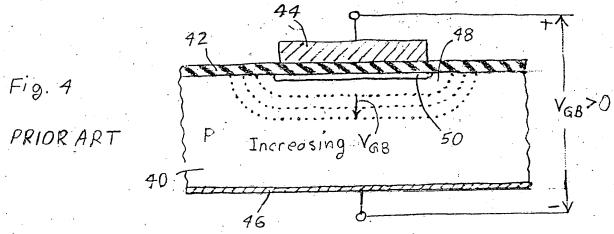
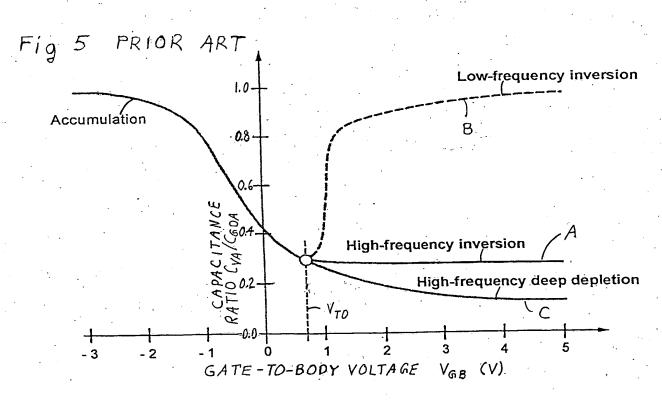


Fig. 2b PRIOR ART





### Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheet 3 of 26

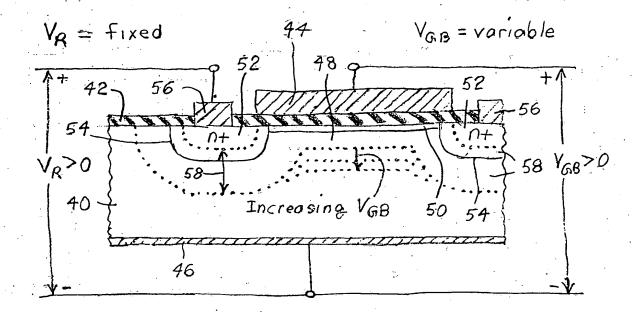


Fig. 6 PRIOR ART

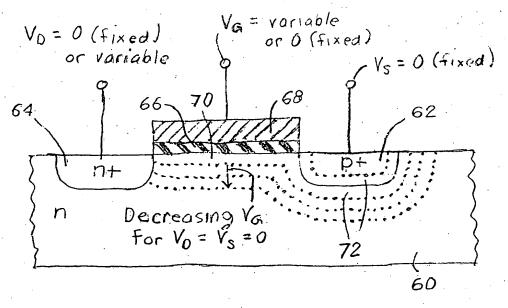
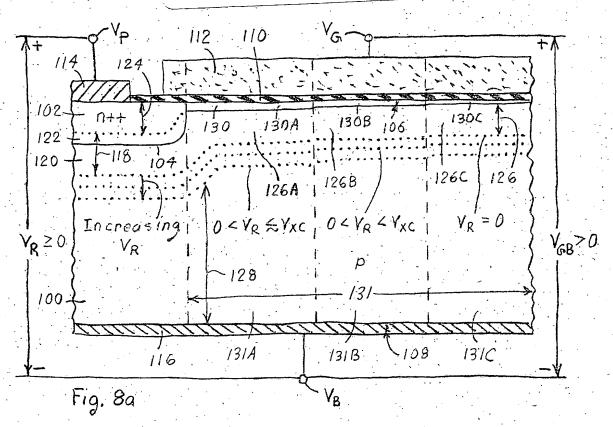
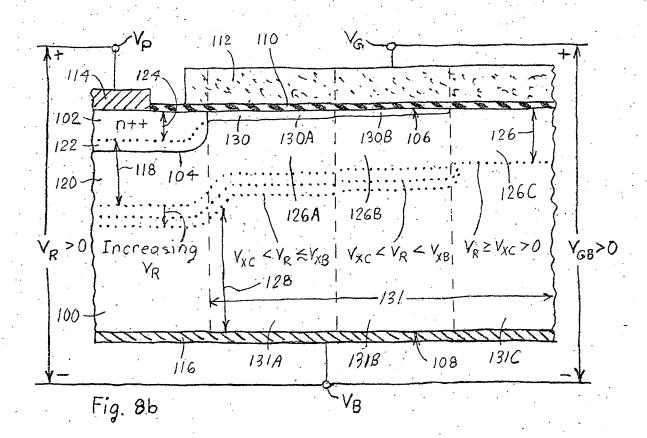


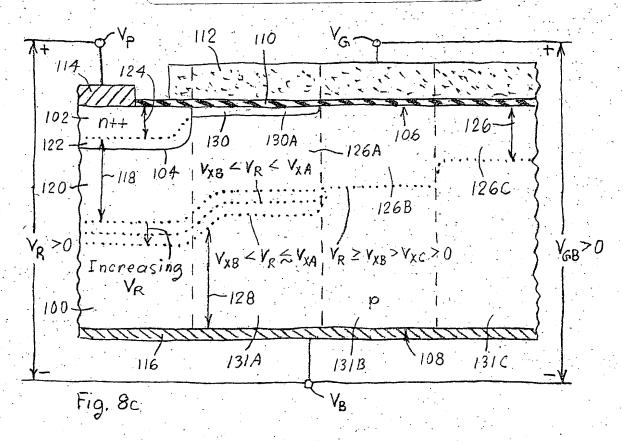
Fig. 7 PRIOR ART

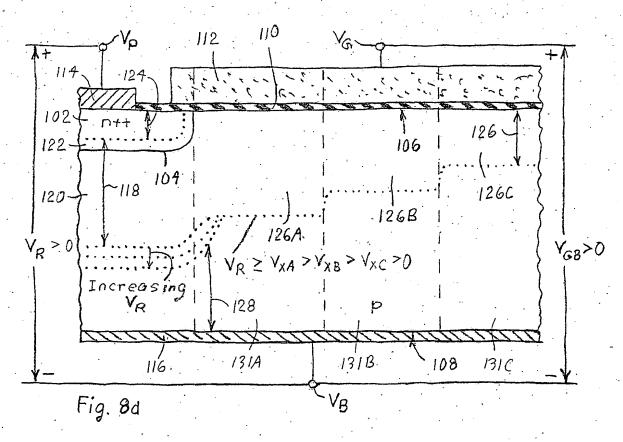
# Capacitanc Variation Capacitanc Variation Constantin Buluccea NS-5127 US Sheet 4 of 26



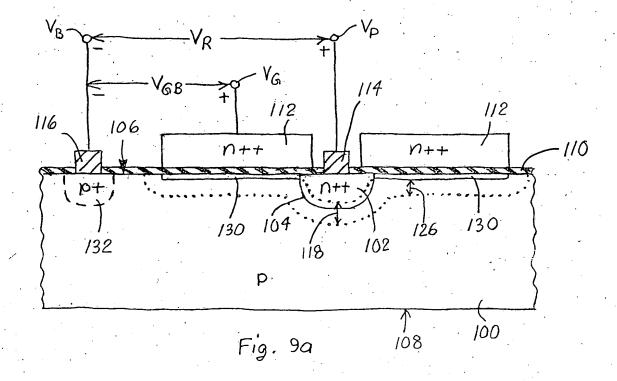


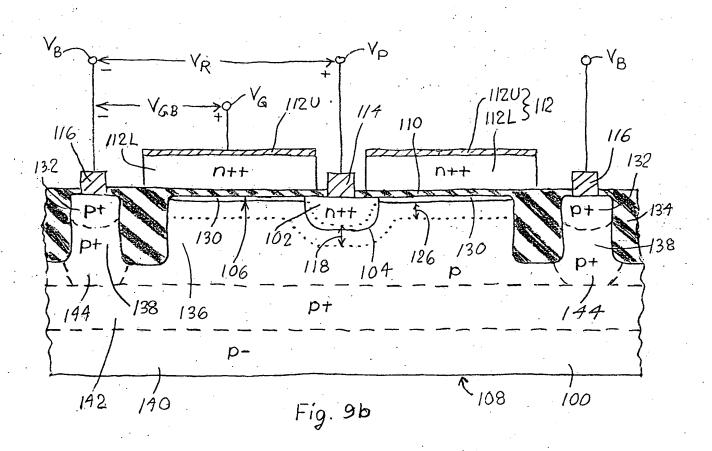
### Gate-Enhanced Junction Varactor With Gradual Capacitanc Variation Constantin Buluccea NS-5127 US Sheet **5**of 26



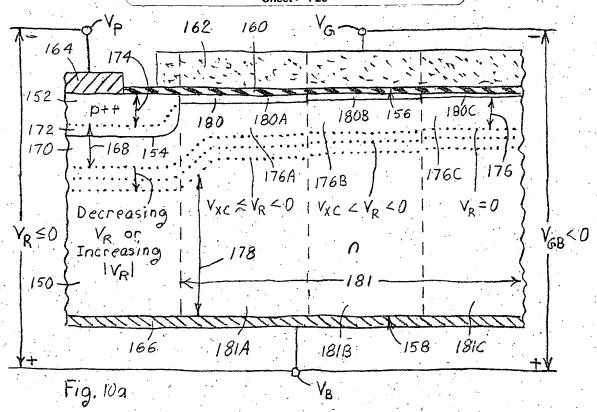


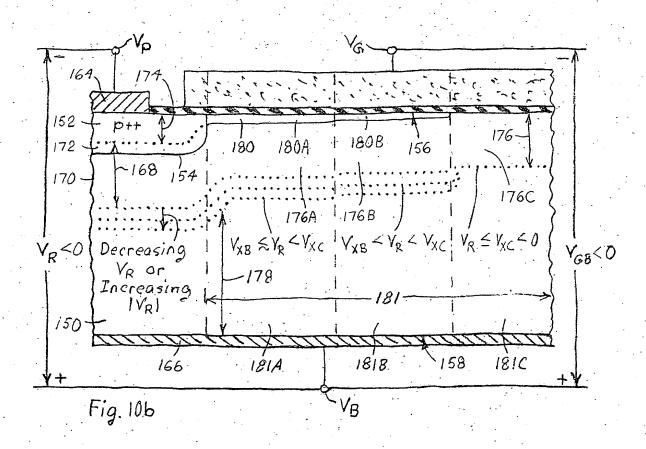
# Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheet 6 of 26



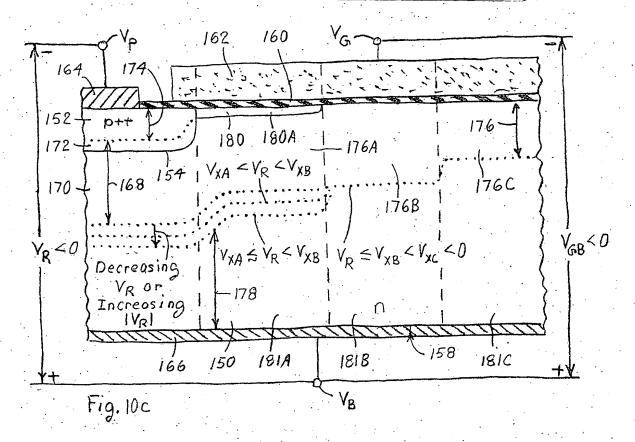


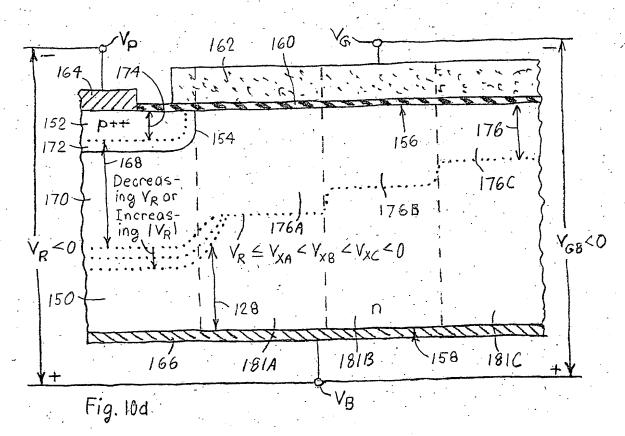
### Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheet 7 f 26

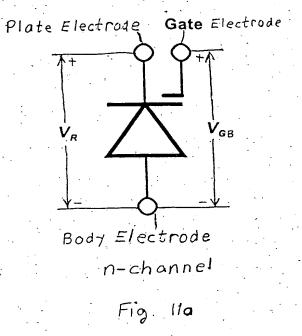


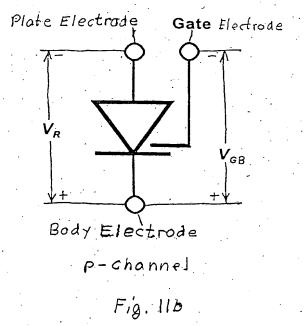


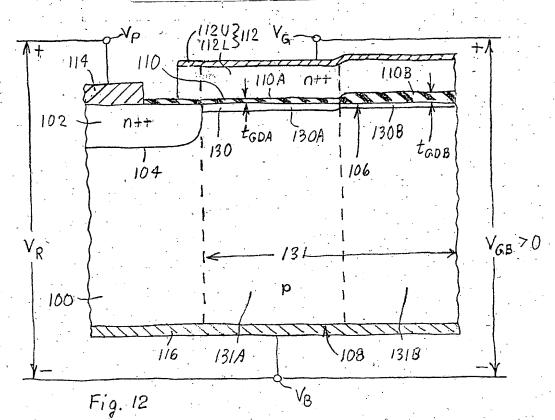
## Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea NS-5127 US Sheet \$ f 26

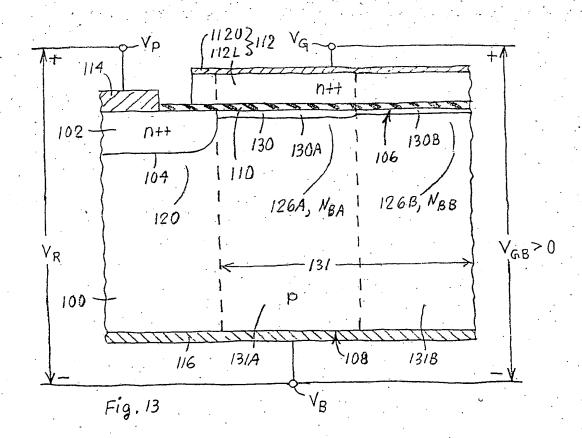




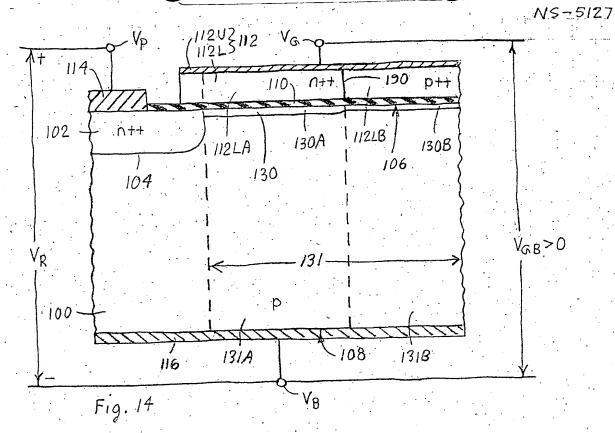


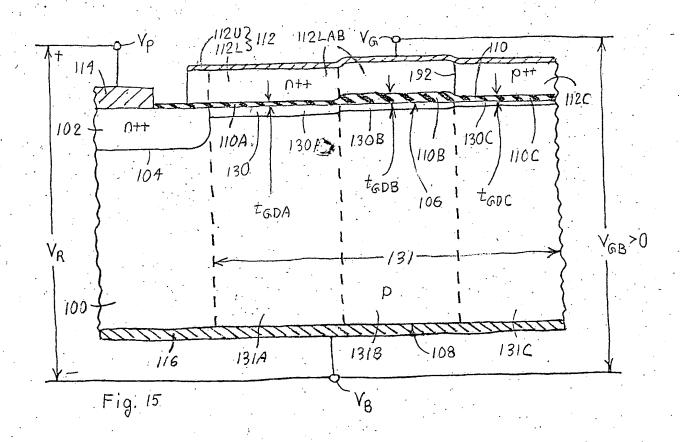


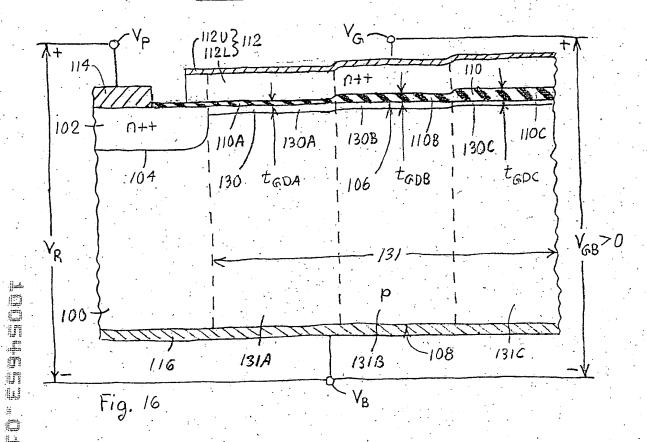


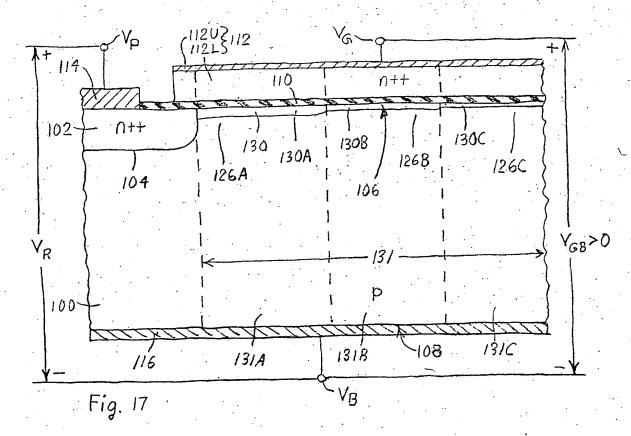


# Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Bulucc a NS-5127 US She t 4 of 26

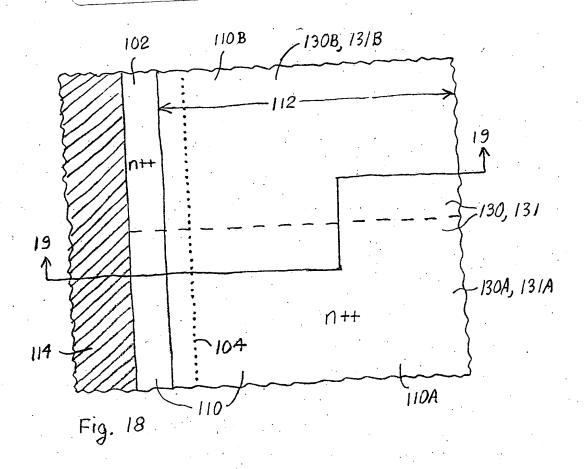


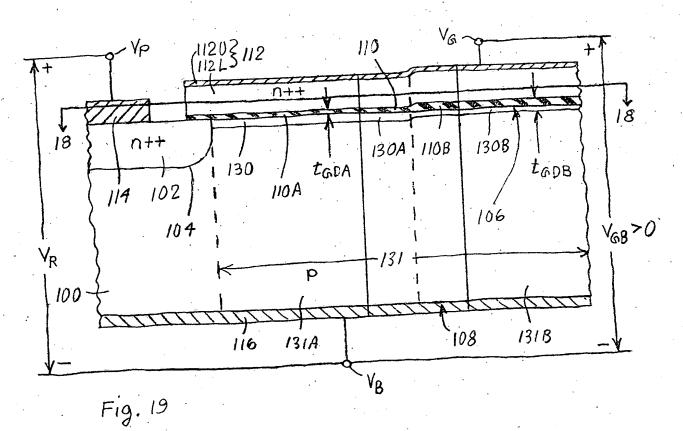


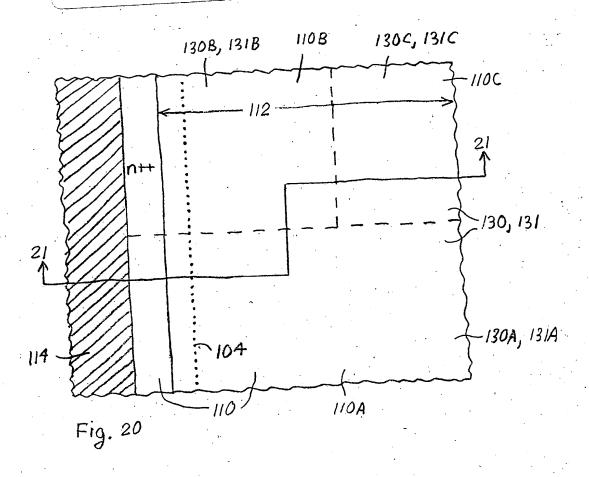




## Capacitance Variation Constantin Buluccea NS-5127 US Sheett3of 26







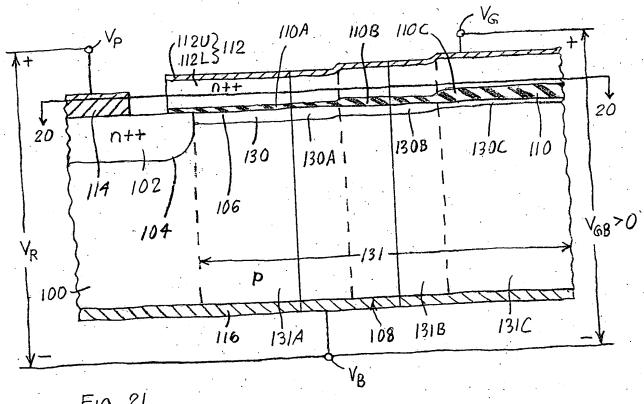
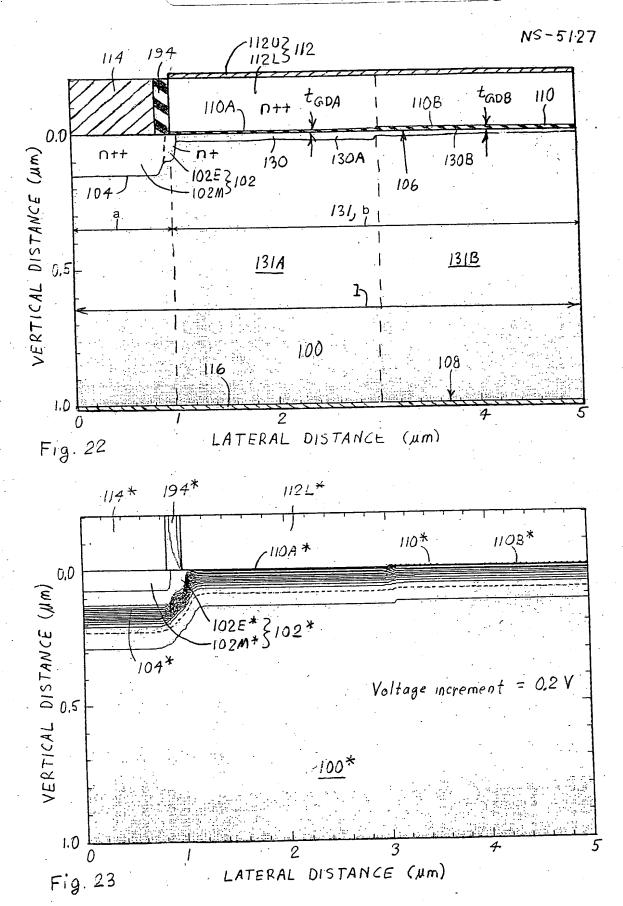
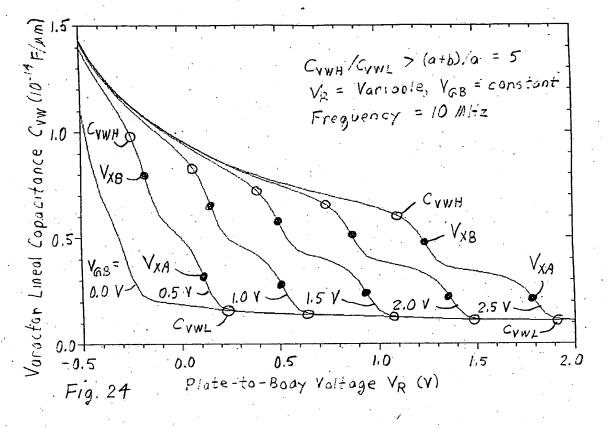


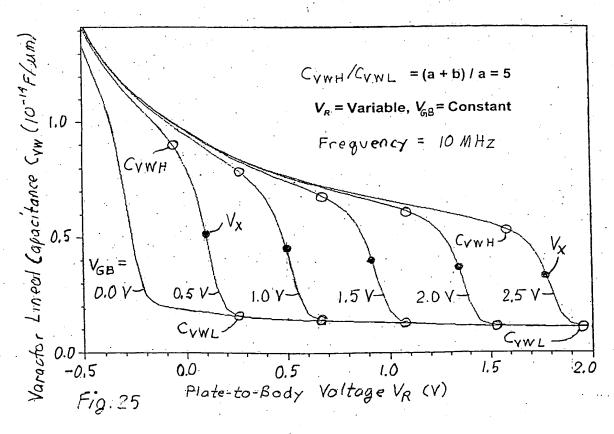
Fig. 21

## Gate-Enhanced Junction Varactor With Gradual Capacitance Variation Constantin Buluccea · NS-5127 US Sheeti of 26

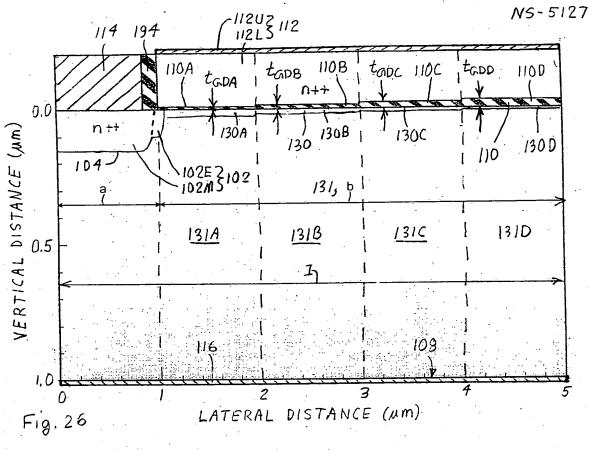


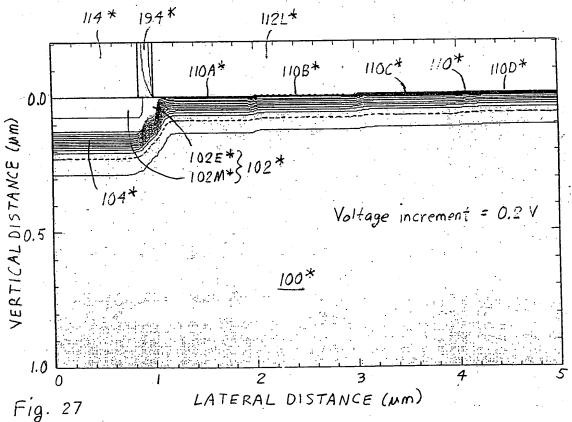






### Gate-Enhanced Junction Varactor With Gradual Capacitanc Variation Constantin Buluccea NS-5127 US Sheet Pof 26





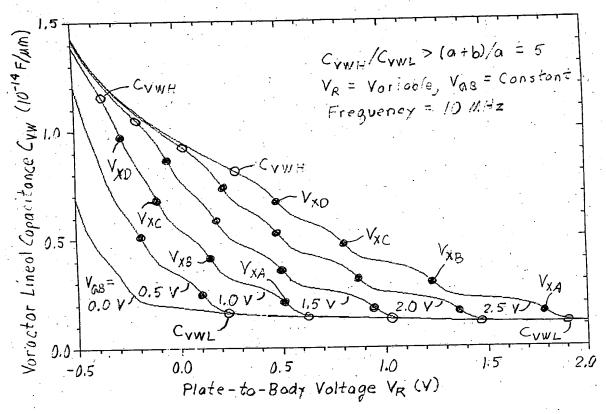
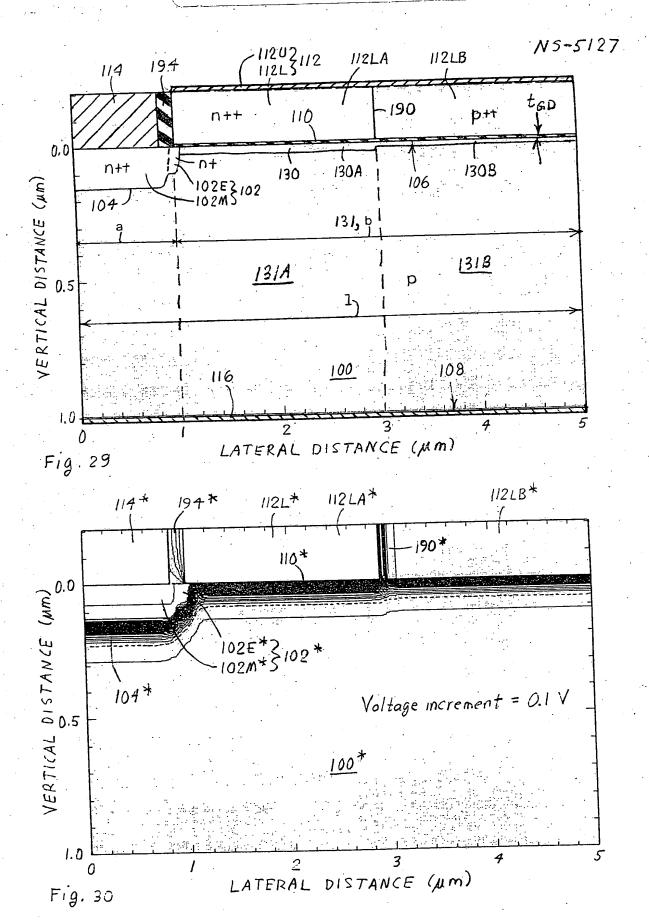


Fig. 28



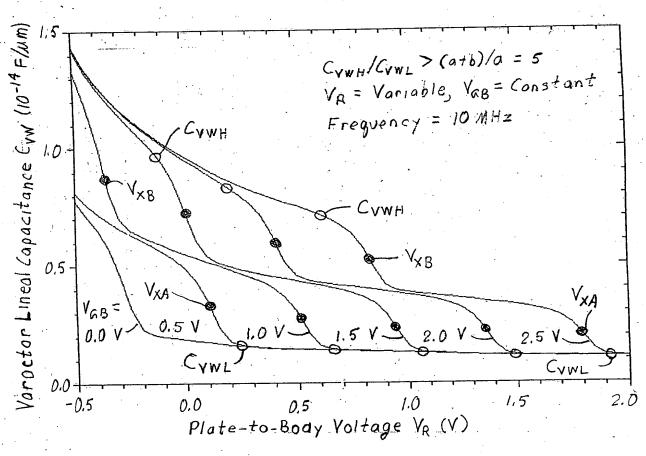


Fig. 31

## Capacitance Variation Constantin Buluccea NS-5127 US Sheef4 of 26

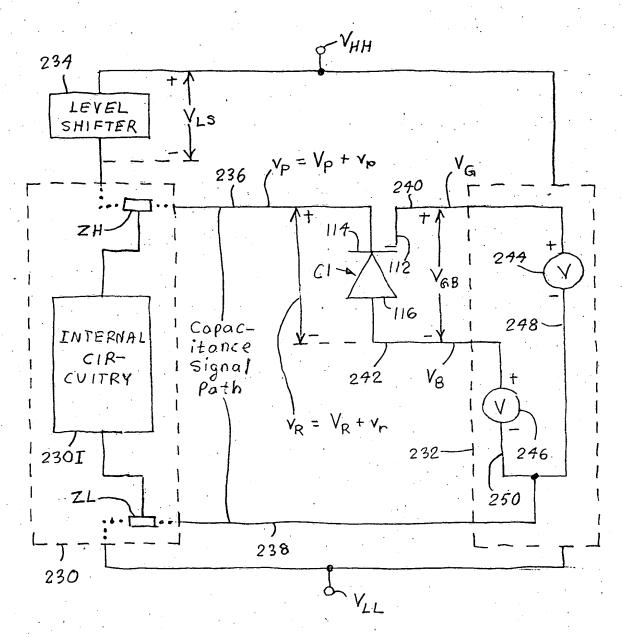
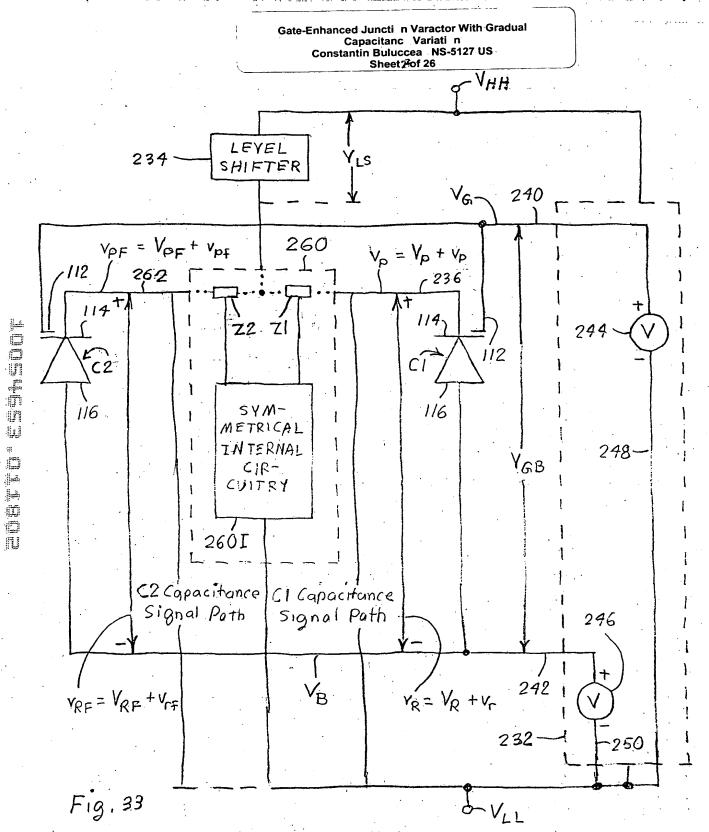


Fig. 32



### Gate-Enhanc d Juncti n Varactor With Gradual Capacitanc Variati n Constantin Buluccea NS-5127 US Sheetzof 26

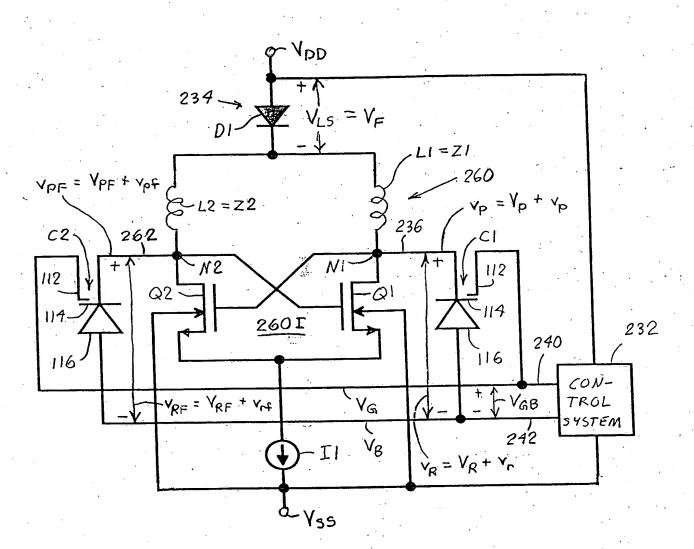


Fig. 34b

-Enhanc d Juncti n Varact r With Gradual Capacitance Variati n C nstantin Buluccea NS-5127 US She t<sup>35</sup> f 26

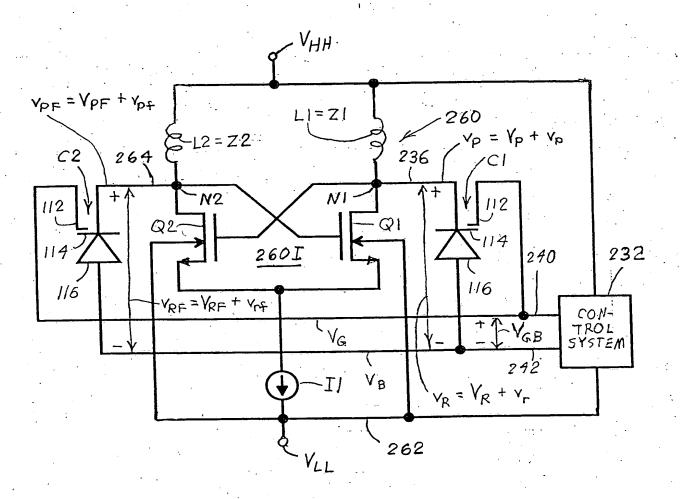


Fig. 34a

## Gate Sphanced Juncti in Variation Capacitanc Variation onstantin Buluccea NS-5127 US Sheet 4 of 26

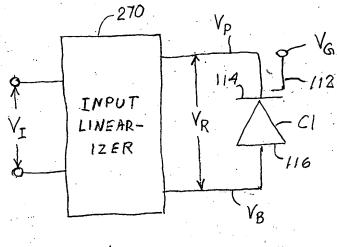


Fig. 35

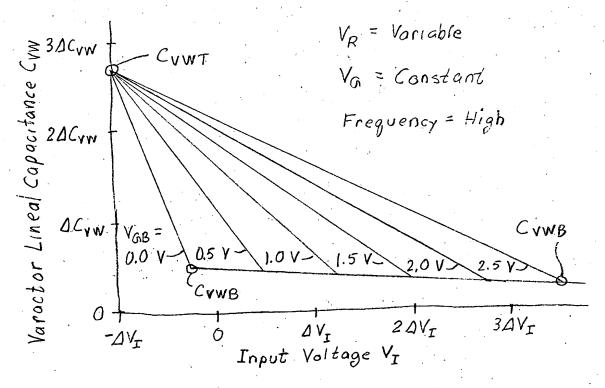


Fig. 36

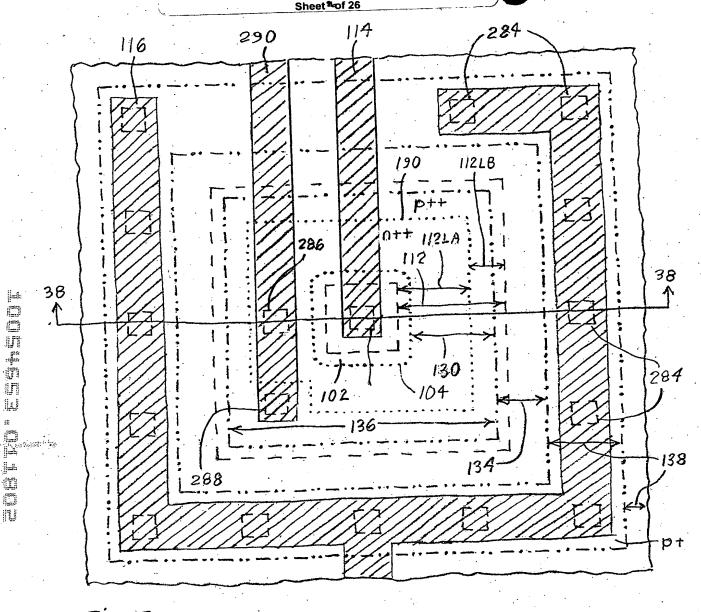


Fig. 37 112LB 114 280 1120 116 132 132 p+ 130 pt p'-144 142 144 140 100 136 108 Fig. 38